

TSC Category	Component Maintenance					
TSC	Nacelle Mechanical Structures Maintenance					
TSC Description	Maintain and repair aircraft nacelle mechanical structures using appropriate resources and conduct functional checks					
TSC Proficiency Description	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6
	AER-MAI-1086-1.1	AER-MAI-2086-1.1				
	Perform maintenance and repair of aircraft nacelle mechanical structures using appropriate tools, equipment, materials and methods	Identify appropriate resources and conduct functional checks for maintenance of aircraft nacelle mechanical structures in accordance with applicable technical manuals and organisational procedures				
Knowledge	<ul style="list-style-type: none"> Types of aircraft nacelle structures Operation of aircraft nacelle structures Nacelle structure assembly and disassembly procedures Maintenance documentation requirements Technical manuals and organisational standard operating procedures (SOPs) Workplace safety practices 	<ul style="list-style-type: none"> Types, specifications and characteristics of aircraft nacelle structures Characteristics, properties and identification of aircraft materials Techniques for aircraft nacelle structures inspection and testing Techniques for aircraft nacelle structures repairs Maintenance documentation requirements Technical manuals and organisational standard operating procedures (SOPs) Workplace safety practices 				
Abilities	<ul style="list-style-type: none"> Perform visual and condition inspections on received components for compliance Record physical damages to components, missing items from 	<ul style="list-style-type: none"> Interpret testing and repair work instructions Identify aircraft nacelle structure materials based on characteristics and properties 				

	<p>components and any discrepancies</p> <ul style="list-style-type: none"> • Prepare appropriate tools and materials for component repairs • Disassemble, clean and assemble nacelle structures • Repair and overhaul parts of nacelle structures as specified in work instructions • Prepare for final inspection and test of nacelle structures • Record test results • Adhere to technical manuals and SOPs • Observe and apply safety practices in the workplace 	<ul style="list-style-type: none"> • Check serviceability of tools, equipment and materials • Select appropriate tools and equipment for repair of nacelle structures • Ensure availability of approved and serviceable replacement parts • Report problems identified during servicing and repairs • Conduct final inspections to ensure nacelle structures are in working order • Ensure documentation is in accordance with regulatory requirements • Verify conformance to technical manuals and SOPs • Ensure safety practices are carried out in the workplace 				
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